

ABSTRACT

Disclosed are novel materials separated from *Ecklonia cava*, a method for extracting and purifying the same, and
5 the use thereof for antioxidants. The method comprises
extracting antioxidative ingredients from powdered *Ecklonia cava* one or more times with an organic solvent;
fractionating the antioxidative ingredients one or more
10 times in solvents; and purifying the solvent fractions by
chromatography. Superior in scavenging activity and thermal
stability, the extract from *Ecklonia cava* can be used as
antioxidants and is suitable in commercialization.